U.S. GEOLOGICAL SURVEY CHARLES D. WALCOTT, DIRECTOR LEGEND PENNSYLVANIA STATE OF PENNSYLVANIA ECONOMIC GEOLOGY SHEET (FAYETTE COUNTY)
UNIONTOWN QUADRANGLE
7830'
4000' (FAYETTE COUNTY) SURFICIAL ROCKS GEORGE W.MC NEES, SIMON HARROLD (Areas of Surficial rocks are shown by patterns of dots and circles.) FRED D BARKER, COMMISSIONERS Pal Alluvium
(in flood plains of present streams) SPRINGFIELD Carmichael clay (clay, sand, and bowlders on terraces and in abar doned channels of the larger streams) SEDIMENTARY ROCKS (Areas of Sedimentary rocks are shown by patterns of parallel lines.) RIVER Dunkard formation (sandy shale and coarse sandstone with thin lime stone and beds of coal, many of workable size) Monongahela formation (shale, limestone, and occasionally coarse sandstone; Pittsburg coal at the bottom, Waynesburg coal at the top, and coal beds of loca importance between) Ccm Conemaugh formation Allegheny formation (shale, sandstone, and clay with several work-able coal beds, [tpper freeport coal at the top) Cpv Pottsville ' sandstone (coarse massive white adstone or conglomera with some shale and usually a coal bed at the middle) Cmc Mauch Chunk shale (red and green shale and thin-bedded green sandstone) Cgr Greenbrier limestone lentil (thin blue fossilièrous limestone in the Mauch Chunk shale) Сро sandstone (coarse sandstone gradin into very sandy limeston at the top and usually containing sandy shale Dck Catskill formation (green and red shale and green sandstone) Section X Coal mines X BALLAST Rock crushed for road ballast X SANDSTONE Sandstone crushed for glass sand X CLAY Pottery clay Known productive formations Coal beds Elliottsville Coal Contour lines showing lay of coal beds (west of Laurel Ridge the lines indicate position of the Pittsburg coal, east of the ridge they indicate position of the Upper Freeport coal. Elevation above sea level 7946
7946
H.M. Wilson, Geographer in charge.
Control by S. S. Gannett, A. C. Roberts, Sledge Tatum, and W. R. Harper.
Topography by Frank Sutton, R. D. Cummin, and H. C. Frick Coke Company
Surveyed in 1899 in cooperation with the State of Pennsylvania. Geology by Marius R.Campbell. Assisted by John D.Irving and Myron L.Fuller.
Surveyed in 1900. Scale 62500 4Miles 5 Kilometers Contour interval 20 feet. Datum is mean sea level. Edition of Mar. 1902.